

AMENDMENTS TO THE CLAIMS

The following listing of claims will replace all prior versions, and listings, of claims in the application, includes any amendments made to the claims herein, and further includes the status of each claim:

1-56. (CANCELED)

5 57. (CURRENTLY AMENDED) A method of using a dual head injector, the method comprising:

mounting a first syringe ~~that is prefilled with contrast media~~ to the injector;

mounting a second syringe to the injector;

coupling a first section of Y-tubing to the first syringe;

coupling a second section of the Y-tubing to the second syringe;

10 initiating a programmed purge protocol of the injector while the first and second syringes are mounted to the injector and while the first and second sections of the Y-tubing are coupled to the first and second syringes, respectively, wherein the first syringe comprises contrast media prior to the initiation of the programmed purge protocol, and wherein the programmed purge protocol comprises:

15 advancing a first plunger drive ram of the injector to move a plunger of the first syringe to a first predetermined distance stop point where the plunger of the first syringe stops, wherein the advancing of the first plunger drive ram ~~is sufficient to purges~~ all air from the first syringe and the first section of Y-tubing and fills the first section of the Y-tubing with contrast media; and

20 advancing a second plunger drive ram of the injector to move a plunger of the second syringe to a second predetermined distance stop point where the plunger of the second syringe stops, wherein the advancing of the second plunger drive ram ~~is sufficient to purges~~ all air from the second syringe and the second section of the Y-tubing; and

initiating a programmed injection procedure that includes injecting contrast media into the patient, wherein the programmed injection procedure occurs:

after the programmed purge protocol is completed;

25 while the first and second syringes are mounted to the injector; and

while the first and second sections of the Y-tubing are coupled to the first and second syringes, respectively.

30 58. (PREVIOUSLY PRESENTED) The method of claim 57, wherein a combination of the advancing of the first plunger drive ram and the advancing of the second plunger drive ram results in a purge of substantially all air from the first and second syringes and the Y-tubing.

59. (PREVIOUSLY PRESENTED) The method of claim 57, wherein the advancing of the first plunger drive ram occurs before the advancing of the second plunger drive ram.

60. (PREVIOUSLY PRESENTED) The method of claim 57, wherein the advancing of the second plunger drive ram comprises filling the second section of the Y-tubing with saline.

5 61. (PREVIOUSLY PRESENTED) The method of claim 57, wherein the advancing of the second plunger drive ram comprises filling the second section and a third section of the Y-tubing with saline.

62. (NEW) The method of claim 57, wherein each of the first and second sections of the Y-tubing feed into a common third section of the Y-tubing.

10 63. (NEW) The method of claim 62, wherein the advancing of the first plunger ram purges air up to an intersection of the first section of Y-tubing with the third section of Y-tubing.

15 64. (NEW) The method of claim 63, wherein the advancing of the second plunger ram also purges air from the third section of the Y-tubing.

65. (NEW) The method of claim 64, wherein the second syringe comprises saline prior to initiating the programmed purge protocol.

20 66. (NEW) The method of claim 65, wherein the first syringe is prefilled with contrast media.

67. (NEW) The method of claim 64, wherein the first syringe is prefilled with contrast media.

25 68. (NEW) The method of claim 62, wherein the advancing of the second plunger ram also purges air from the third section of the Y-tubing.

69. (NEW) The method of claim 57, wherein the first syringe is prefilled with contrast media.

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